

Converting Colors

$Yxy(77.6553, 0.3064, 0.3246)$

Have a look what the booklet for
Yxy(77.6553, 0.3064, 0.3246)
contains.

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Color

Yxy(77.6098, 0.3061, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	DFE5E9
RGB	223, 229, 233
RGB Percent	87%, 90%, 91%
CMY	0.1255, 0.1020, 0.0861
CMYK	0.04, 0.02, 0.00, 0.09
HSL	204°, 19%, 89%
HSV	204°, 4%, 91%
XYZ	73.1640, 77.6098, 88.2462
YIQ	227.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

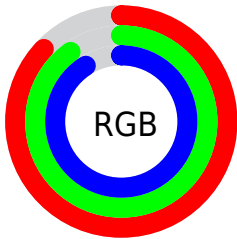
Format	Color
R _Y B	223, 227, 233
Decimal	14673385
CIE Lab	90.60, -1.25, -2.67
CIE LCh	91, 2.953, 244.896
Yxy	77.6098, 0.3061, 0.3247
Android (android.graphics.Color)	4292863465 (0xFFDFE5E9)
YUV	227.6620, 2.6316, -4.0886
Hunter-Lab	88.0964, -5.9246, 2.2767

Details

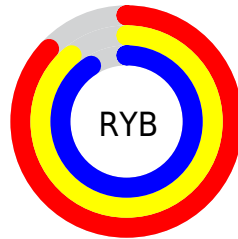
The Yxy color `77.6098, 0.3061, 0.3247` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77.6228, 0.3195, 0.3333`, and the grayscale version is `77.3103, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `41.7713, 0.3050, 0.3249` is the 20% darker color. If you saturate the color by 10%, you get `69.1084, 0.2905, 0.3139`, and if you desaturate by 10%, it is `86.9081, 0.3213, 0.3344`.

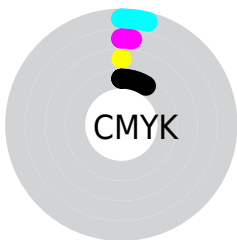
Distribution



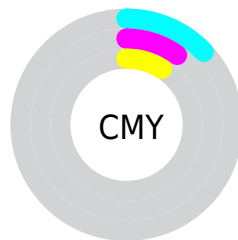
- Red (87%)
- Green (90%)
- Blue (91%)



- Red (87%)
- Yellow (89%)
- Blue (91%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.6098, 0.3061, 0.3247 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 77.6098, 0.3061, 0.3247 by changing the saturation by 10% instead.

■ 77.6098, 0.3061,
0.3247

■ 77.6098, 0.3061,
0.3247

486.8406, 0.3091,
0.3267

■ 57.7535, 0.3054,
0.3243

129.9999, 0.3071,
0.3254

■ 41.6105, 0.3046,
0.3237

163.3025, 0.3076,
0.3257

■ 28.7964, 0.3035,
0.3230

201.8560, 0.3079,
0.3259

■ 18.9269, 0.3021,
0.3221

246.0448, 0.3082,
0.3261

■ 11.6175, 0.3003,
0.3209

296.2533, 0.3085,
0.3263

■ 6.4838, 0.2976,
0.3191

352.8658, 0.3087,

■ 3.1414, 0.2936,

0.3264

0.3163

416.2668, 0.3089,
0.3266

■ 1.2060, 0.2865,
0.3115

■ 0.0666, 0.0912,
0.1856

■ 77.6098, 0.3061,
0.3247

■ 77.6098, 0.3061,
0.3247

■ 69.1084, 0.2905,
0.3139

■ 86.9081, 0.3213,
0.3344

■ 61.3688, 0.2747,
0.3020

■ 94.1395, 0.3263,
0.3434

■ 54.3679, 0.2590,
0.2890

■ 98.6657, 0.3256,
0.3502

■ 48.0771, 0.2437,
0.2750

■ 42.4660, 0.2294,
0.2601

■ 37.5010, 0.2165,
0.2446

■ 33.1450, 0.2052,
0.2289

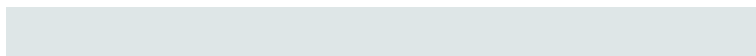
■ 29.3557, 0.1961,
0.2131

■ 26.0820, 0.1891,
0.1978

Harmonies

Analogous

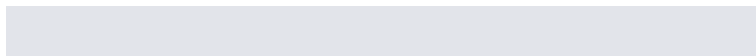
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6098, 0.3063, 0.3274



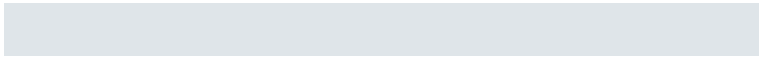
77.6098, 0.3061, 0.3247



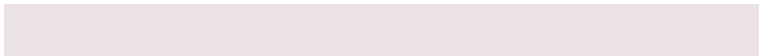
77.6098, 0.3077, 0.3232

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.6098, 0.3061, 0.3247



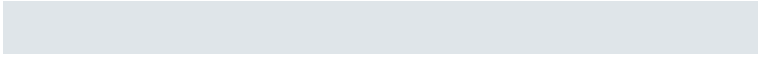
77.6098, 0.3173, 0.3275



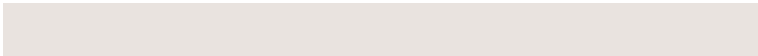
77.6098, 0.3148, 0.3349

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



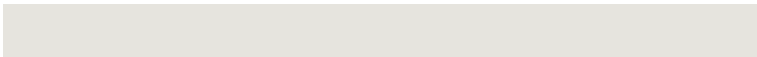
77.6098, 0.3061, 0.3247



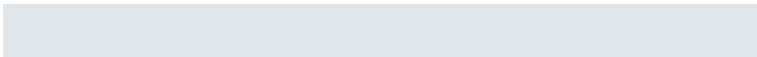
77.6228, 0.3195, 0.3333

Split Complementary

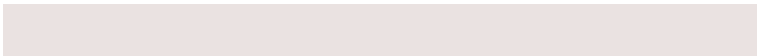
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.6098, 0.3178, 0.3349



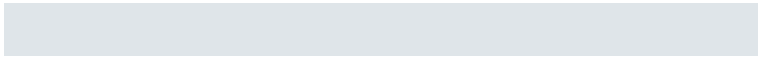
77.6098, 0.3061, 0.3247



77.6098, 0.3192, 0.3306

Square

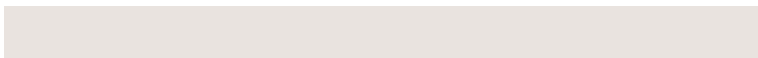
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



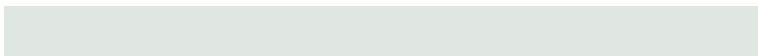
77.6098, 0.3061, 0.3247



77.6098, 0.3142, 0.3248



77.6098, 0.3194, 0.3333



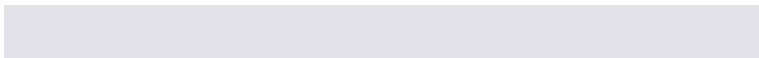
77.6098, 0.3113, 0.3333

Rectangle

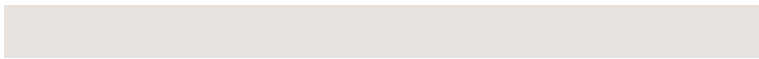
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.6098, 0.3061, 0.3247



77.6098, 0.3096, 0.3231



77.6098, 0.3194, 0.3333



77.6098, 0.3159, 0.3350

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77.6131, 0.3061, 0.3247



98.8661, 0.3112, 0.3280



79.5382, 0.3097, 0.3354



21.1734, 0.3113, 0.3281



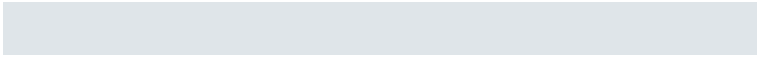
0.0000, 0.0000, 0.0000



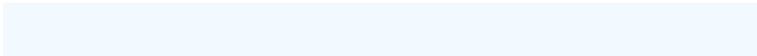
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.6131, 0.3061, 0.3247



94.4291, 0.3050, 0.3240



74.8899, 0.3062, 0.3194



16.7632, 0.3040, 0.3233



14.0924, 0.1866, 0.1916



1.2943, 0.1924, 0.2126

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.7656, 0.3159, 0.3227



91.8069, 0.3164, 0.3217



80.3943, 0.3191, 0.3384



16.2367, 0.3169, 0.3207



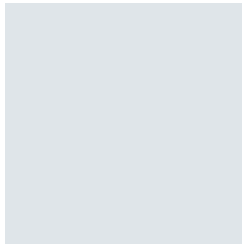
10.9154, 0.4549, 0.2280



0.8761, 0.4313, 0.2150

Previews

White Background



This preview shows how the Yxy color 77.6098, 0.3061, 0.3247 looks on a white background.

Color Contrast Check

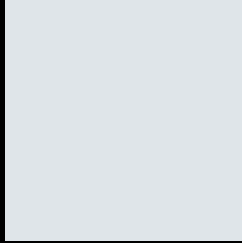
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 77.6098, 0.3061, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

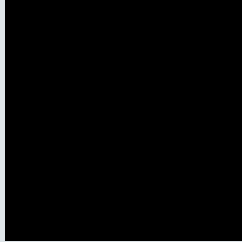
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

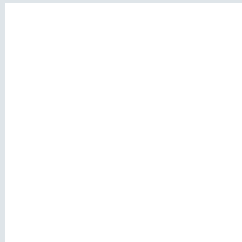
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.6098, 0.3061, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 77.6098, 0.3061, 0.3247.

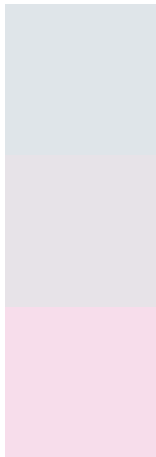


This preview shows how white text looks on a background with the Yxy color 77.6098, 0.3061, 0.3247.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77.6098, 0.3061, 0.3247

Protanopia

77.7533, 0.3123, 0.3238

Deuteranopia

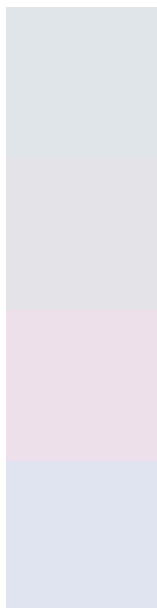
77.4852, 0.3219, 0.3149



Tritanopia

77.5383, 0.3001, 0.3102

Trichromacy



Original Color

77.6098, 0.3061, 0.3247

Protanomaly

77.8070, 0.3102, 0.3248

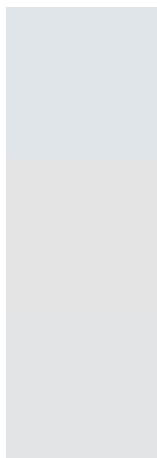
Deuteranomaly

77.4290, 0.3160, 0.3187

Tritanomaly

77.6850, 0.3019, 0.3154

Monochromacy



Original Color

77.6098, 0.3061, 0.3247

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.3687, 0.3101, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.6098, 0.3061, 0.3247 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(223, 229, 233)` looks like.

```
.text, #text, p{  
    color:rgb(223, 229, 233)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(223, 229, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 229, 233) }
```

Border

The CSS property to change the border of an element to Yxy 77.6098, 0.3061, 0.3247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 229, 233) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(223, 229, 233) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(223, 229, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 229, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 229, 233);  
box-shadow:4px 4px 4px 4px rgb(223, 229,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 77.6098, 0.3061, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 229, 233) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(223,  
229, 233) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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